

EDUCATION

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| • B.S. in Electrical and Computer Engineering
<i>University of Seoul</i> | <i>Mar 2018 - Present</i>
Seoul, South Korea |
| • B.S. in Statistics
<i>University of Seoul</i> | <i>Mar 2018 - Present</i>
Seoul, South Korea |

EXPERIENCE

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| • IRLab, University of Seoul
<i>Undergraduate Research Intern</i>
– Presented a paper review on the state-of-the-art MFA-Conformer in the speaker verification field at that time. | <i>Jan 2023 - Feb 2023</i>
Seoul, South Korea |
| • Deep Learning Specilization Course by Andrew Ng, Coursera
<i>5 courses</i>
– Built neural network architectures such as CNNs, RNNs, LSTMs, Transformers.
– Learned Dropout, BatchNorm and Xavier/He initialization.
– Tackled real-world cases such as speech recognition, music synthesis, chatbots, machine translation, natural language processing and more. | <i>Dec 2021 - Feb 2022</i>
Online |
| • Republic of Korea Defense Communication Command, Republic of Korea Air Force
<i>Signalman, Squad Leader, Staff Sergeant</i>
– Operated and maintained a robust Wide Area Communication System to facilitate efficient and secure communication across large geographic areas.
– Led a squad of 12 members, ensuring effective communication, coordination, and mission accomplishment.
– Discharged with the rank of staff sergeant(병장). | <i>Sep 2019 - Jun 2021</i>
Osan Air Base, South Korea |
| • Software Engineering(dropout), Gachon University
<i>freshman</i>
– Learned discrete mathematics, C programming and web programming.
– Took classes which taught appreciating art and history. | <i>Mar 2017 - Mar 2018</i>
Seongnam, South Korea |

TECHNICAL SKILLS AND INTERESTS

Languages: English(B2), Korean(Native).
Programming: C/C++, Python, C#, Java, JavaScript, R, SAS.
Frameworks: PyTorch, TensorFlow, Flutter.
Areas of Interest: Control Engineering, Deep Learning.

PUBLICATIONS

- **[Paper]** Jae-Seok Jang, Bon-Jae Ku, **Sung-Jun Eom**, Ji-Hyeong Han, "Malware detection methodology through on pre-training and transfer learning for AutoEncoder based deobfuscation" in KIPS 2022.